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If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT5799/BTP.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "B. Todd Patterson", is written over a horizontal line.

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/5799/TSG/ALD /BG	Serial No. 10/084,767
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Wang, et al.	Confirmation No.: 3478
(Use several sheets if necessary)		Filing Date February 26, 2002	Group 1762
Examiner Unknown			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,534,395	03/18/02	Werkhoven, et al.	438	627	03/06/01
	A2	6,511,539	01/28/03	Raaijmakers	117	102	09/08/99
	A3	6,482,740	11/19/02	Soininen, et al.	438	686	05/15/01
	A4	6,482,733	11/19/02	Raaijmakers, et al.	438	633	04/26/01
	A5	6,482,262	11/19/02	Elers, et al.	117	84	10/13/00
	A6	6,475,910	11/05/02	Sneh	438	685	09/22/00
	A7	6,475,276	11/05/02	Elers, et al.	117	84	10/13/00
	A8	6,468,924	10/22/02	Lee, et al.	438	763	05/31/01
	A9	6,451,695	09/17/02	Sneh	438	685	12/22/00
	A10	6,447,933	09/10/02	Wang, et al.	428	635	04/30/01
	A11	6,428,859	08/06/02	Chiang, et al.	427	457	03/19/01
	A12	6,423,619	07/23/02	Grant, et al.	438	589	11/30/01
	A13	6,420,189	07/16/02	Lopatin	438	2	04/27/01

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	02/067319	08/29/00	WO	H01L	21/768	<input type="checkbox"/>	<input type="checkbox"/>
	B2	02/45167	06/06/02	WO	H01L	27/00	<input type="checkbox"/>	<input type="checkbox"/>
	B3	01/17692	03/15/01	WO	B05C	11/00	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	Yang, et al. "Atomic Layer Deposition of Tungsten Film from WF ₆ /B ₂ H ₆ : Nucleation Layer for Advanced Semiconductor Device," Conference Proceedings ULSI XVII (2002) Materials Research Society
	C2	
	C3	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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	A1	6,416,822	07/09/02	Chiang, et al.	427	561	03/19/01
	A2	6,399,491	06/04/02	Jeon, et al.	438	680	04/06/01
	A3	6,391,803	05/21/02	Kim, et al.	428	787	06/20/01
	A4	6,391,785	05/21/02	Satta, et al.	438	704	08/23/00
	A5	6,372,598	04/16/02	Kang, et al.	438	366	06/16/99
	A6	6,369,430	04/09/02	Adetutu, et al.	257	382	04/02/01
	A7	6,368,954	04/09/02	Lopatin, et al.	438	627	07/28/00
	A8	6,358,829	03/19/02	Yoon, et al.	438	597	09/16/99
	A9	6,355,561	03/12/02	Sandhu, et al.	438	676	11/21/00
	A10	6,342,277	01/29/02	Sherman	427	562	04/14/99
	A11	6,333,260	12/25/01	Kwon	438	643	06/24/99
	A12	6,284,646	09/04/01	Leem	438	629	08/19/98
	A13	6,207,487	03/27/01	Kim, et al.	438	238	10/12/99

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	2001-111000	12/26/00	JP	H01L	29/00	<input type="checkbox"/>	<input type="checkbox"/>
	B2	2000-178735	06/27/00	JP	C23C	16/08	<input type="checkbox"/>	<input type="checkbox"/>
	B3	1,167,569	01/02/02	EP	C23C	16/455	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

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	C2	
	C3	

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	A1	5,306,666	04/26/94	luzmi	437	192	07/21/93
	A2	2003/0082296	05/01/03	Elers, et al.	427	96	09/12/02
	A3	2003/0072975	04/17/03	Shero, et al.	428	704	09/26/02
	A4	2003/0049942	03/13/03	Haukka, et al.	438	778	08/22/02
	A5	2003/0032281	02/13/03	Werkhoven, et al.	438	640	09/23/02
	A6	2003/0031807	02/13/03	Elers, et al.	427	569	09/17/02
	A7	2003/0013320	01/16/03	Kim, et al.	438	778	05/31/01
	A8	2002/0197402	12/26/02	Chiang, et al.	427	255.39	08/08/02
	A9	2002/0187631	12/12/02	Kim, et al.	438	637	12/05/01
	A10	2002/0187256	12/12/02	Elers, et al.	427	99	07/30/02
	A11	2002/0182320	12/05/02	Leskela, et al.	427	250	03/15/02
	A12	2002/0164423	11/07/02	Chiang, et al.	427	255.28	05/03/02
	A13	2002/0164421	11/07/02	Chiang, et al.	427	248.1	05/03/02
	A14	2002/0162506	11/07/02	Sneh, et al.	118	715	06/28/02
	A15	2002/0155722	10/24/02	Satta, et al.	438	704	04/15/02
	A16	2002/0146511	10/10/02	Chiang, et al.	427	248.1	10/24/01
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	A18	2002/0144655	10/10/02	Chiang, et al.	118	715	10/24/01
	A19	2002/0121697	09/05/02	Marsh	257	751	04/30/02
	A20	2002/0117399	08/29/02	Chen, et al.	205	125	02/23/01
	A21	2002/0109168	08/15/02	Kim, et al.	257	295	01/30/02
	A22	2002/0106846	08/08/02	Seutter, et al.	438	200	02/02/01
	A23	2002/0105088	08/08/02	Yang, et al.	257	774	10/31/01
	A24	2002/0104481	08/08/02	Chiang, et al.	118	723 I	03/19/01
	A25	2002/0094689	07/18/02	Park	438	694	03/07/02

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	A1	2002/0090829	07/11/02	Sandhu, et al.	438	761	01/31/02
	A2	2002/0076837	06/20/02	Hujanen, et al.	438	3	11/28/01
	A3	2002/0076508	06/20/02	Chiang, et al.	427	569	12/19/01
	A4	2002/0076507	06/20/02	Chiang, et al.	427	569	10/24/01
	A5	2002/0076481	06/20/02	Chiang, et al.	427	8	10/24/01
	A6	2002/0073924	06/20/02	Chiang, et al.	118	723 R	10/24/01
	A7	2002/0068458	06/06/02	Chiang, et al.	438	694	11/26/01
	A8	2002/0061612	05/23/02	Sandhu, et al.	438	151	01/14/02
	A9	2002/0055235	05/09/02	Agarwal, et al.	438	430	10/29/01
	A10	2002/0052097	05/02/02	Park	438	507	05/03/01
	A11	2002/0048880	04/25/02	Lee	438	253	08/08/01
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	A14	2002/0031618	03/14/02	Sherman	427	569	10/09/01
	A15	2002/0019121	02/14/02	Pyo	438	618	06/20/01
	A16	2002/0016084	02/07/02	Todd	438	791	04/26/01
	A17	2002/0007790	01/24/02	Park	118	715	05/03/01
	A18	2002/0004293	01/10/02	Soininen, et al.	438	584	05/15/01
	A19	2002/0000598	01/03/02	Kang, et al.	257	301	07/26/01
	A20	2001/0054769	12/27/01	Raijmakers, et al.	257	758	04/26/01
	A21	2001/0054730	12/27/01	Kim, et al.	257	301	05/23/01
	A22	2001/0029094	10/11/01	Mee-Young, et al.	438	597	09/16/99
	A23	2001/0028924	10/11/01	Sherman	427	255.28	05/24/01
	A24	2001/0024387	09/27/01	Raijmakers, et al.	265	200	02/22/01
	A25	2001/0009695	07/26/01	Saanila, et al.	427	255.39	01/18/01
	A26	2001/0002280	05/31/01	Sneh	427	255.28	12/22/00
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